

# Fire Season 2011

*Looking ahead to Fire Season 2011*



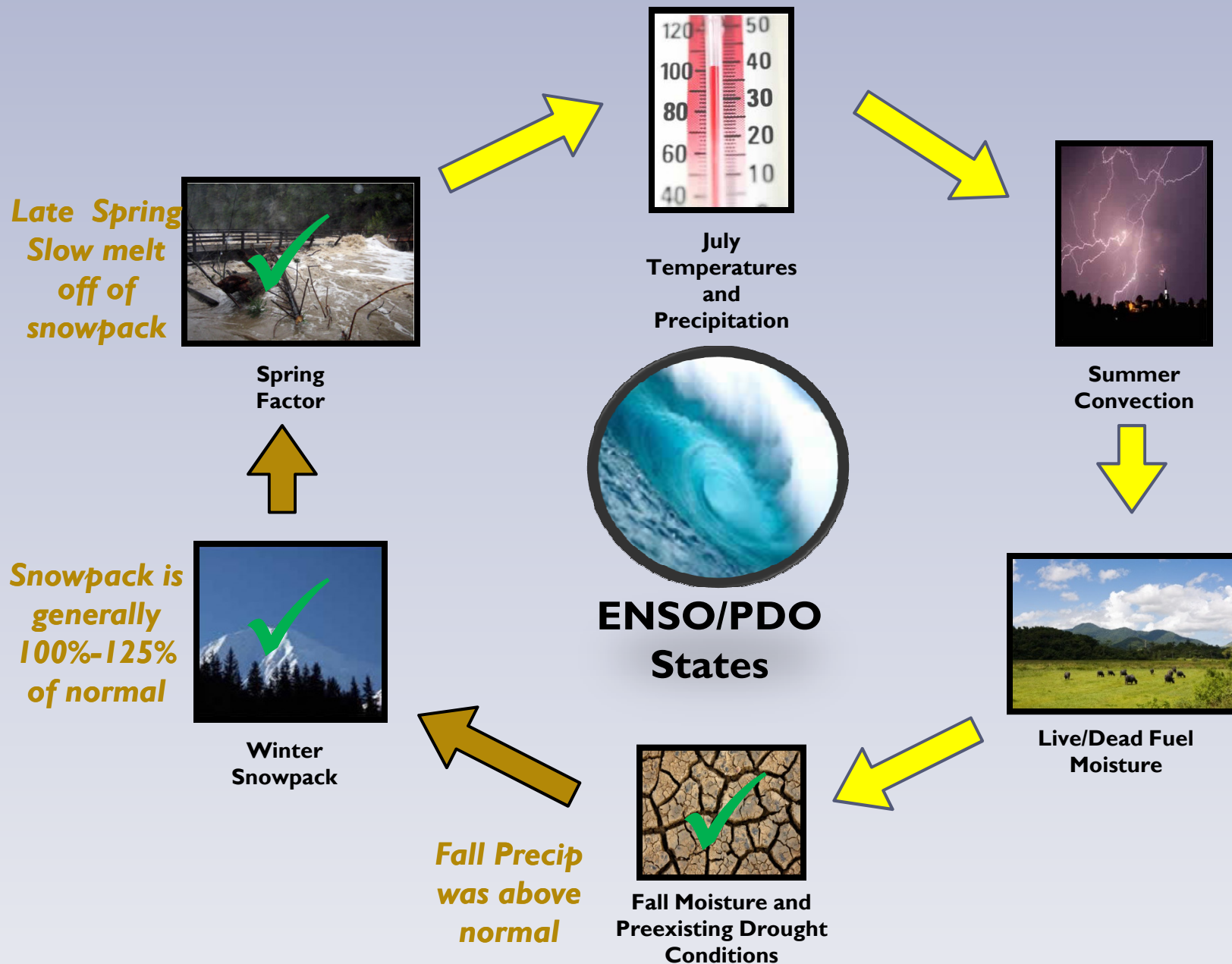
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**Northern Rockies Coordination Center**



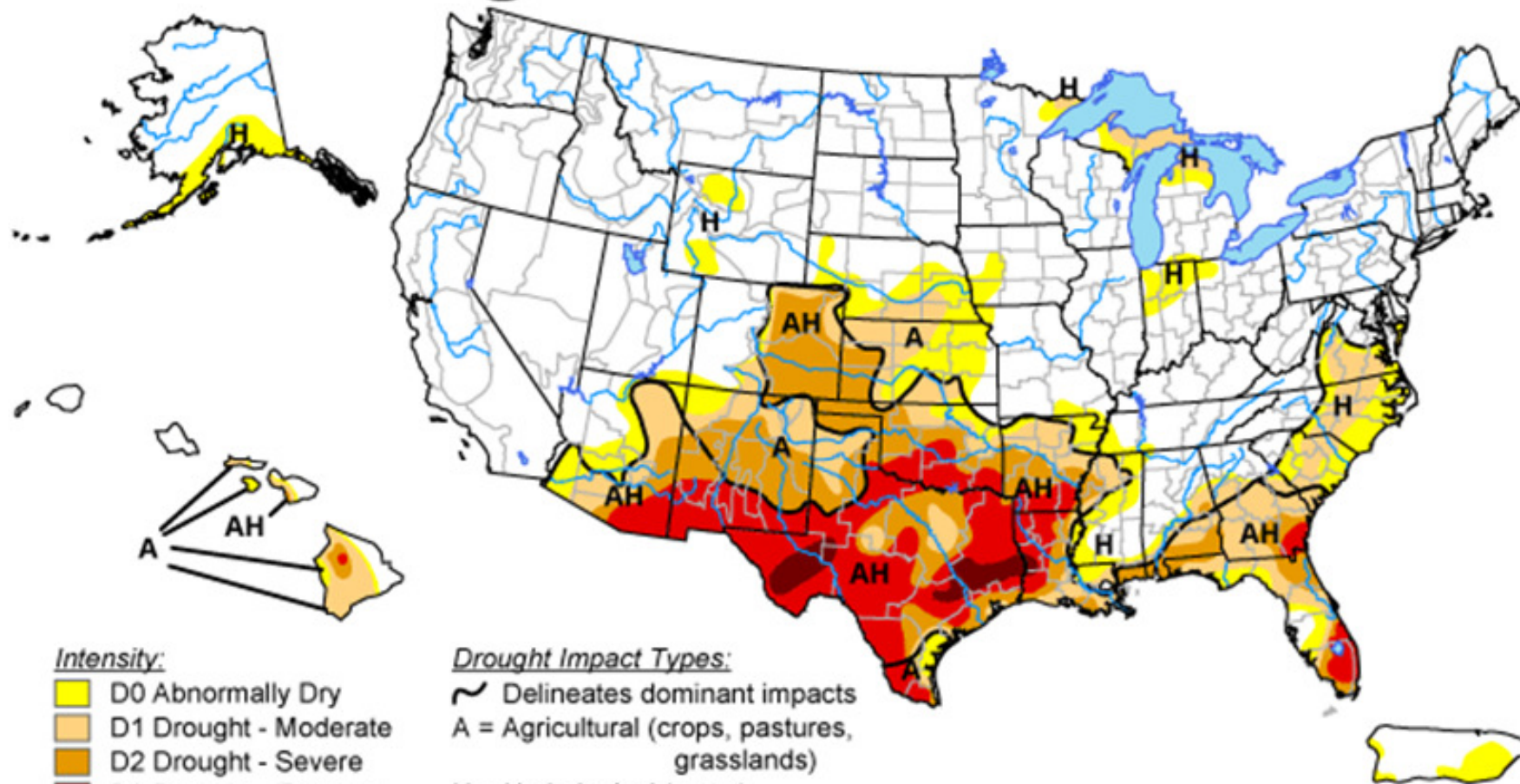
# Factors that Influence Fire Season Severity



# U.S. Drought Monitor

April 12, 2011

Valid 8 a.m. EDT



## Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

## Drought Impact Types:

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://drought.unl.edu/dm>



Released Thursday, April 14, 2011

Author: Anthony Artusa, NOAA/NWS/NCEP/CPC

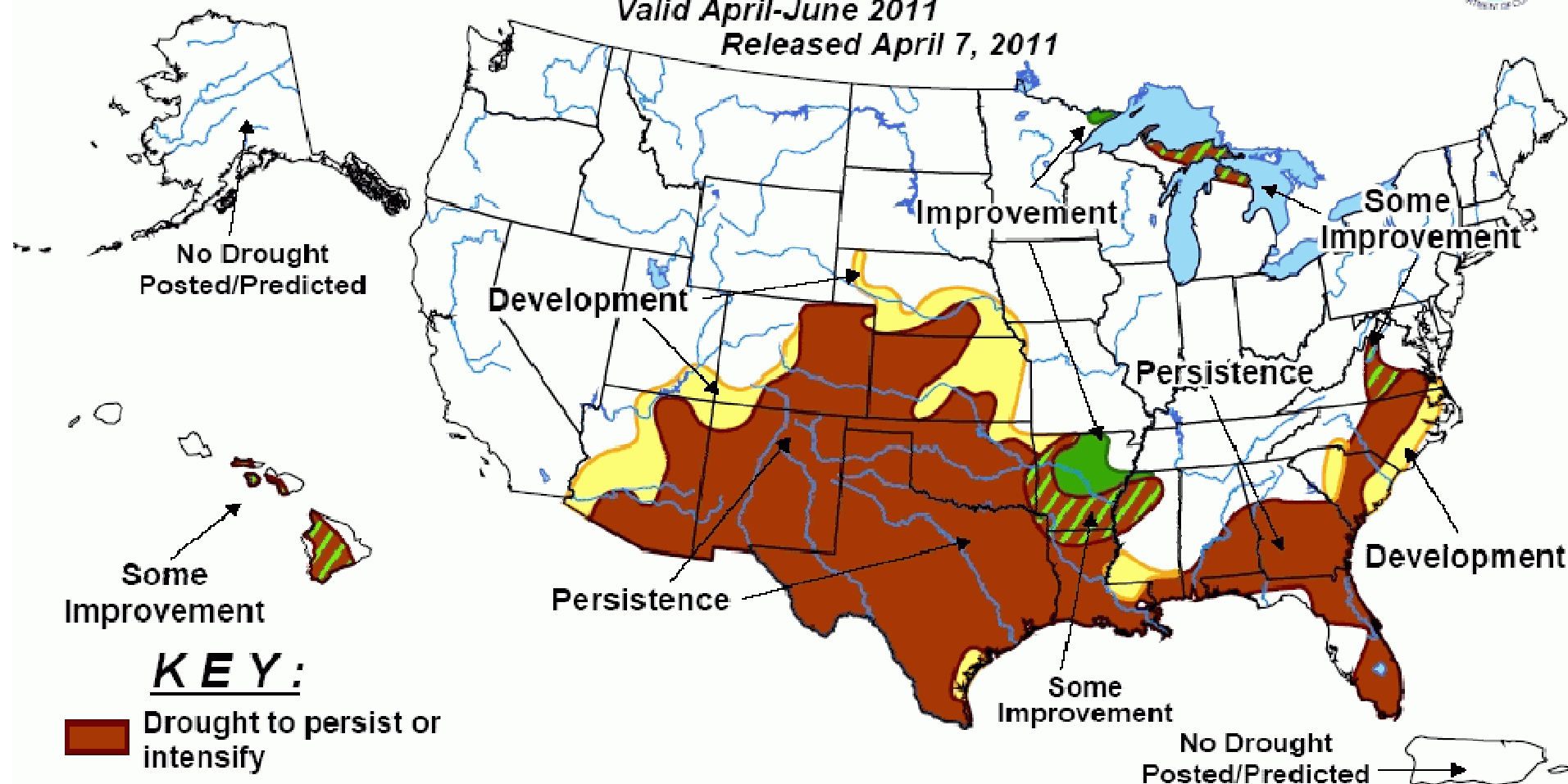


# U.S. Seasonal Drought Outlook





## Drought Tendency During the Valid Period

Valid April-June 2011

Released April 7, 2011



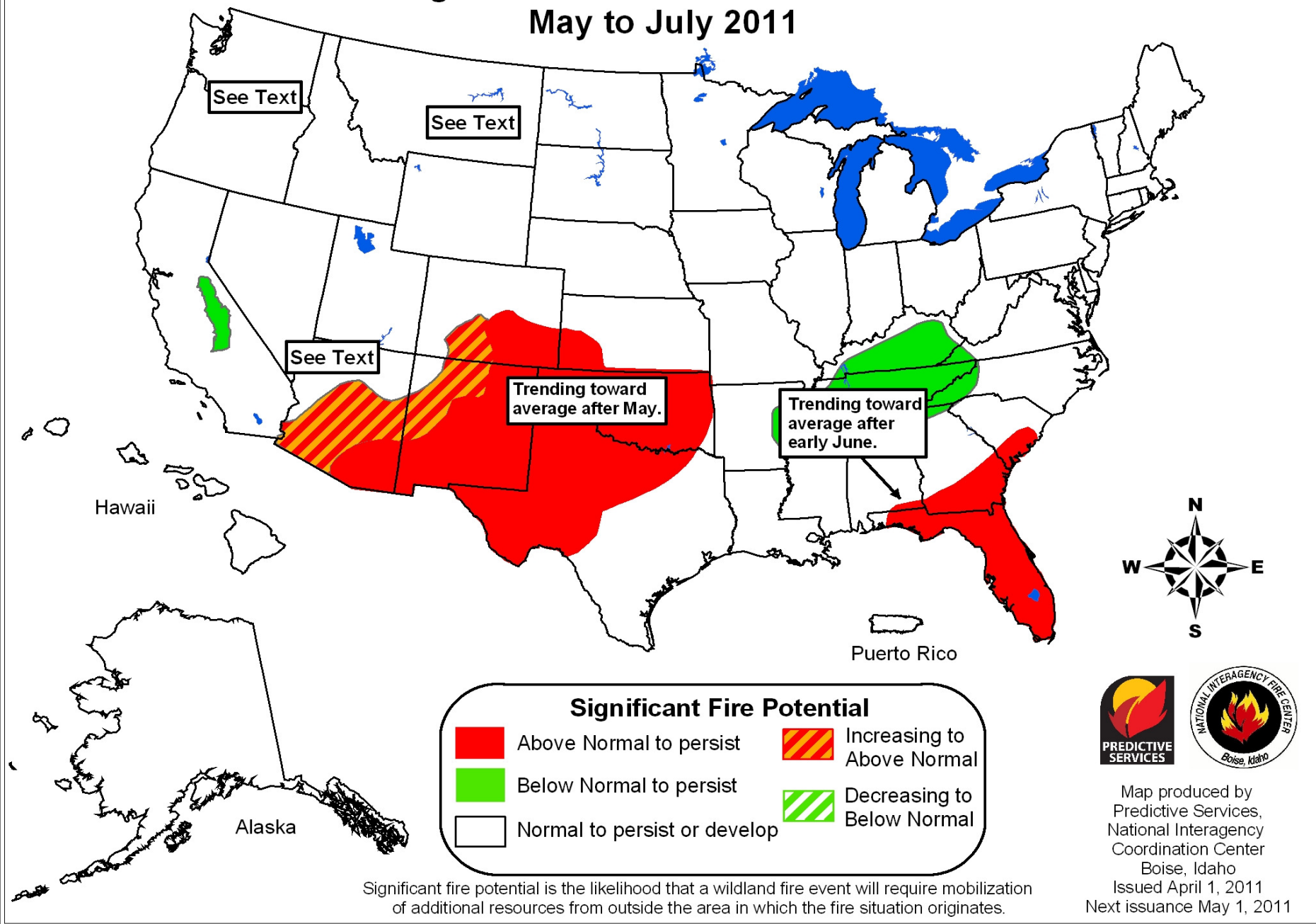
### KEY:

-  Drought to persist or intensify
-  Drought ongoing, some improvement
-  Drought likely to improve, impacts ease
-  Drought development likely

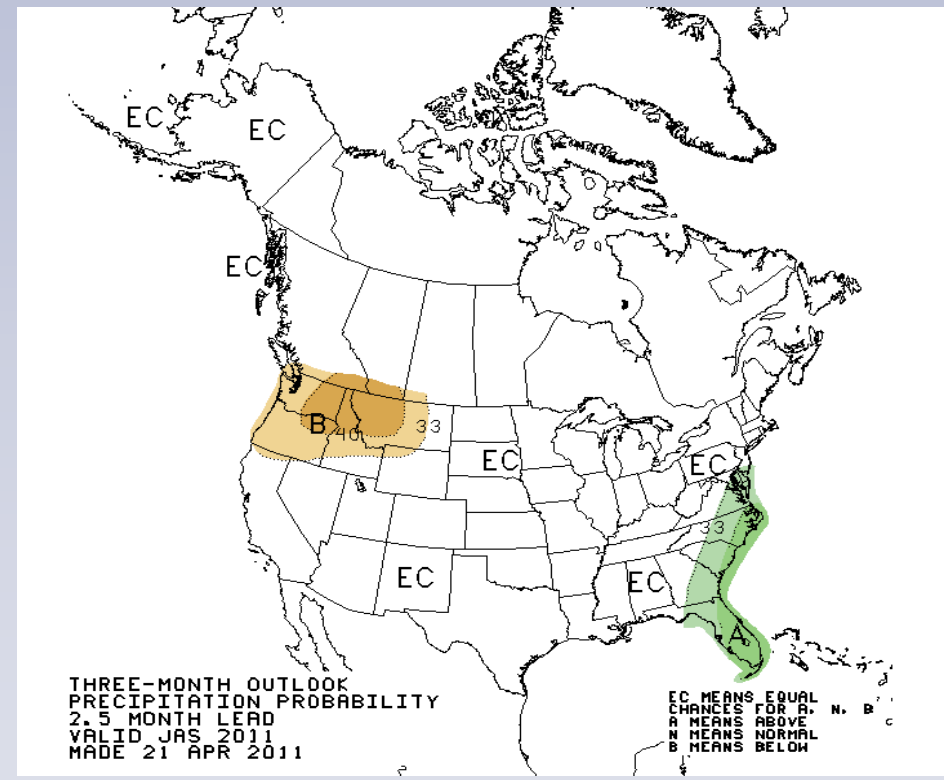
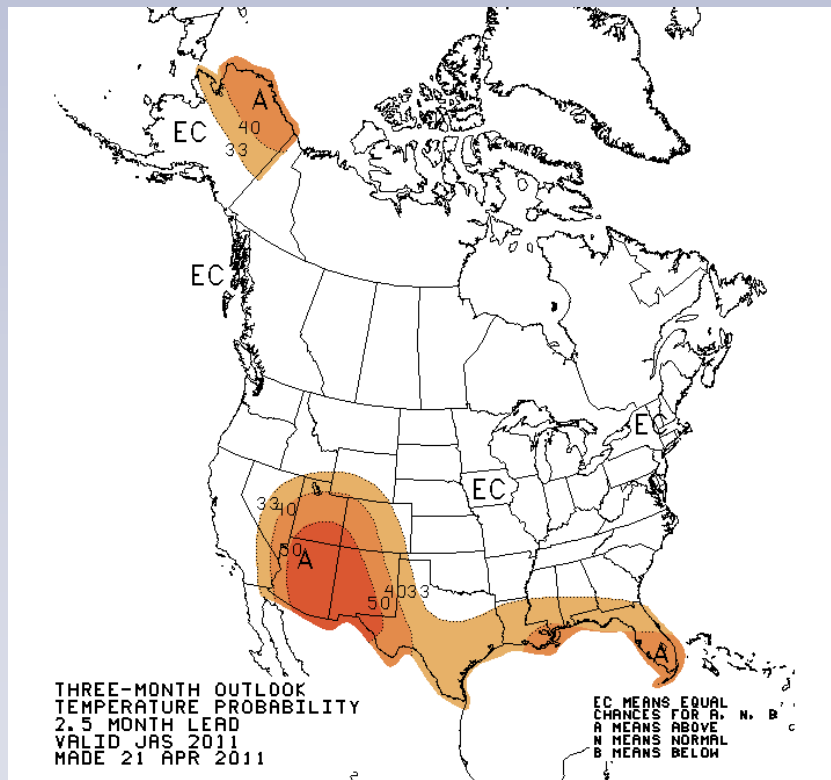
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.



# Seasonal Significant Wildland Fire Potential Outlook May to July 2011



# Early Outlooks for Fire Season



# Average vs. Median

<i>1999</i>	169,789	<i>2007</i>	1,106,829
<i>2000</i>	1,045,404	<i>2000</i>	1,045,404
<i>2001</i>	186,643	<i>2003</i>	939,366
<i>2002</i>	130,818	<i>2006</i>	917,201
<i>2003</i>	939,366	<i>2008</i>	199,756
<i>2004</i>	31,609	<i>2001</i>	186,643
<i>2005</i>	176,454	<i>2005</i>	176,454
<i>2006</i>	917,201	<i>1999</i>	169,789
<i>2007</i>	1,106,829	<i>2002</i>	130,818
<i>2008</i>	199,756	<i>2010</i>	70,474
<i>2009</i>	63,862	<i>2009</i>	63,862
<i>2010</i>	70,474	<i>2004</i>	31,609
Average:	419,850	Median	181,549

**Mobilizing Incident Resources**

...throughout Montana, North Dakota,  
Northern Idaho, a small portion of  
Northwestern South Dakota and  
Yellowstone National Park

[National](#) | [NRCC Home](#) | [About Us](#) | [Site Disclaimer](#) | [Contact Us](#)**Monday, April 25, 2011****INCIDENT  
INFORMATION****PREDICTIVE SERVICES**[Intelligence](#)[Weather](#)[Fuels/Fire Danger](#)[Outlooks](#)**LOGISTICS / DISPATCH**[Dispatch Operations](#)[Aviation](#)[Crews](#)[Equipment/Supplies](#)[Overhead](#)**ADMINISTRATIVE**[Northern Rockies](#)[Coordinating Group](#)[Policy and Reports](#)[Incident Business](#)[Management](#)**>> Predictive Services  
WEATHER****Current Conditions****OBSERVATIONS**

- [ROMAN](#)
- [Regional Surface Map](#)

**REMOTE AUTOMATED WEATHER (RAWS)**

- [RAWS National Interagency Homepage](#)  
[Northern Rockies Hourly Observations](#)  
[Northern Rockies 24-Hr Trend Monitor](#)  
[Northern Rockies 5-Day Temperatures](#)  
[Northern Rockies 5-Day Humidity](#)

**SATELLITE IMAGES (GOES-10)**

- **Current** [Visible](#) | [Infrared](#) | [Water Vapor](#)
- **Animated** [Visible](#) | [Infrared](#) | [Water Vapor](#)
- [Global Hydrology & Climate Center Images](#)
- [UCAR RAP Real-Time Weather Data](#)
- [RAMSDIS](#)
  
- [NWS Regional Satellite Links](#)
- [Rocky Mountain Center \(RMC\)](#)- Real Time Fire-Weather Intelligence and Smoke Forecast products

**LIGHTNING**

- [BLM Lightning Maps](#) (password required)

**NRCC Weather Products**

- [Daily Outlook](#)
- [MT/ID Airshed Smoke Dispersion Web Briefing](#)
- [Predictive Services Portal](#)
- [2010 Northern Rockies Annual Operating Plan](#)
- [2011 Fire Season Outlook Web Briefing](#) **\*NEW\***

**National Weather Service (NWS)**

- |                      |   |
|----------------------|---|
| • <b>Billings</b>    | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Bismarck</b>    | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Boise</b>       | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Glasgow</b>     | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Grand Forks</b> | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Great Falls</b> | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Missoula</b>    | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Pendleton</b>   | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Pocatello</b>   | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Riverton</b>    | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
| • <b>Spokane</b>     | <a href="#">Fire Wx</a>   <a href="#">Red Flag</a>   <a href="#">Spot</a> |
- [NWS Northern Rockies Graphical Forecasts](#)
  - [NWS National Fire Weather Page](#)
  - [NWS Storm Prediction Center \(SPC\)](#)

**Climatology / Drought**